

Hua Yang



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SUMMARY

Software engineer with a proven ability to deliver versatile, effective products in collaborative and independent settings under strict and often tight time constraints. Always seeking personal growth, I expanded my coding acumen through a 1000+ hour coding Bootcamp focused on Javascript, Ruby, React, and MongoDB. I collaborated with a team of 4 developers to methodically create and launch full stack applications using APIs, Node.js and JavaScript while assessing and evaluating the feasibility of skills and technology through detailed documentation for incorporation into applications. I am now eager to tackle more complex challenges and utilize my methodical and problem solving approach to add value to a dedicated team and build full stack applications to improve the quality of life for the world at large.

EDUCATION

General Assembly

Boston, MA 2020

Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, jQuery, Node.JS, React, Redux, and algorithms and data structures. I created and deployed full stack applications while learning new languages and frameworks by collaborating several hours every week with 5+ senior software engineers.

Suffolk University BAS - Computer Programming (Expected 2022)

Boston, MA 2013 - 2014

PROJECTS

inStock Co. [\(inStock Co.\)](#)

Boston, MA 2020

inStock Co. is a full stack, inventory management application that empowers the user to organize and consolidate all their inventory within one single page while being able to seamlessly modify and delete their items in order to facilitate greater workplace efficiency. While developing this application within a team of developers, I extensively utilized agile methodologies, Github, NodeJS, ExpressJS, MongoDB, Bootstrap, HandlebarsJS, and Heroku.

- Leveraged HandlebarsJS to help create a readable DRY code base that managed user's state while integrating a QR Code generator that allows users to share information with their coworkers.
- Designed mobile responsive experience to integrate Bootstrap, which ensures consistent delivery of a high-quality dynamic UI and intuitive UX for users to log tickets for bugs, stories & epics.
- Implemented JWT's stateless authentication, reduced unnecessary server calls and persisted user sessions, and maintained a user's state by using HTML routes that verified authentication via Passport middleware.
- Architected RESTful API utilizing ExpressJS as the server with lightweight middleware to handle security, logging, cors & authentication between client-side applications while developing 10+ endpoints following MVC pattern
- Engineered a No SQL database in MongoDB by implementing schemas models for user profiles, inventory & shipments, ultimately persisting application state to establish one to many relationships between users and messages through mongoose.

EXPERIENCE

NAAAP.org - Frontend Engineer

Boston, MA 2021 - present

Assisted in recreating the Boston chapters website. Created and modified pages for upcoming and ongoing programs, events, and gatherings. Maintained and updated website per any incoming requests. Assisted in pushing for initiatives to increase communication and efficiency between multiple committees within the organization.

- Implemented React and React Router to dynamically and conditionally eliminate the need for page reloading and minimize the server load of HTTP requests by leveraging React's virtual DOM to change views quickly. Then utilized React Context API and React Hooks to help create a readable and DRY code base.
- Developed a testing suite of 100 consecutive passing tests with Mocha, Chai, and Jest to develop unit, integration, and snapshot testing for React components and ExpressJS server.
- Utilized Axios and user input on the client-side to make RESTful API requests to the EventBrite API that enabled creating, reading, updating, and deleting events for the organization
- Utilized AWS S3, accessible through AWS API, for their scalable and flexible cloud storage to maximize the amount of data. Configured AWS S3 for hosting, ensuring high availability via Amazon's SLA and scalability
- Optimized website lighthouse SEO score from 55 to 90 by analyzing current SEO practices and making an action plan to improve standards for compliance, performance, and searchability.

Liu Zhi Sushi - Assistant Manager

Salem, NH 2011 - 2019

As Assistant Manager of a small family-owned business, I managed and maintained contracts/agreements with multiple third party vendors. I was instrumental in developing many employee resources and assisted with the onboarding process for new hires. Managed and maintained contracts and agreements with multiple third parties to control costs by communicating with outside vendors to acquire agreements and important documents